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Response to Office Action mailed on September 16, 2003
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REMARKS

Reconsideration of the application as amended is respectfully requested. The Examiner has restricted examination of claims 1-45 in this application. Specifically, the Examiner restricted claims 1-27 and 37-45 to Group I as being drawn to a system of heating and a temperature controller, and the Examiner restricted claims 28-36 to Group II as being drawn to a method of controlling and analyzing a workpiece inductively heated.

Although Applicant does not necessarily agree with the Examiner's reasons for restriction, Applicant elects to prosecute claims 1-27 and 37-45 of Group I. Therefore, Applicant has canceled claims 28-36 without prejudice for possible inclusion in a divisional application.

If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

Date: October 16, 2003



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